

#6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Seeberger, Peter H. et al.

Application No: 10/520,963

Filed: January 10, 2005

For: *Solid-Phase and Solution-Phase
Synthesis of
Glycosylphosphatidylinositol
Glycans*

Art Unit: *Not Yet Assigned*Examiner: *Not Yet Assigned*Attorney Docket No.: **MTV-055.01**

CERTIFICATE OF FIRST-CLASS MAILING

I hereby certify that this "Response to Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)" is being deposited with the United States Postal Service as First Class Mail, in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 24, 2005.


John Barretto

Mail Stop Missing Parts
ATTN: DO/EO/US
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Sir:

Enclosed are the following: (1) A copy of the Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US), and (2) three executed Declarations For Patent Application.

The Notification also requests a Sequence Listing; however, no sequences were found upon further review of the application. It is possible that the USPTO has misconstrued the meanings of "*P. berghei* ANKA", "KHL-glycan" and "KHL-cystine" (on pages 15 and 16 of the specification). Please note that *P. berghei* ANKA is a specific malaria clone and KHL is an abbreviation for keyhole limpet hemocyanin, and as such do not require a sequence listing.

RESPONSE TO MISSING REQUIREMENTS
APPL. NO.: 10/520,963
ATTY. DOCKET NO.: MTV-055.01

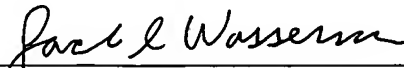
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PAGE 2

Although we believe that we have submitted the correct amount to cover the above-listed items, the Commissioner is authorized to credit any overpayment or charge any deficiencies to our Deposit Account No. 06-1448, Ref. MTV-055.01.

Respectfully Submitted,

Date: August 24, 2005

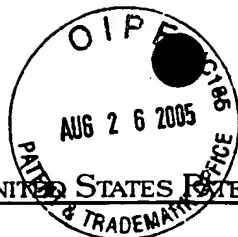
Customer No: 25181
Patent Group
Foley, Hoag, LLP
155 Seaport Blvd.
Boston, MA 02210-2600



Jacob I. Wasserman, Ph.D.
Reg. No. 56,929
Agent for Applicants

Rec PCT/PTO

26 AUG 2005



UNITED STATES PATENT AND TRADEMARK OFFICE

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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/520,963	Peter H Seeberger	MTV-055.01

INTERNATIONAL APPLICATION NO.

PCT/US03/21564

LA. FILING DATE

07/10/2003

PRIORITY DATE

07/10/2002

Foley Hoag
 World Trade Center West
 155 Seaport Boulevard
 Boston, MA 02210-2600

CONFIRMATION NO. 4931

371 FORMALITIES LETTER



OC000000016374005

Date Mailed: 06/24/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/10/2005
- Copy of the International Search Report filed on 01/10/2005
- Copy of IPE Report filed on 01/10/2005
- Preliminary Amendments filed on 05/09/2005
- Information Disclosure Statements filed on 04/27/2005
- Request for Immediate Examination filed on 01/10/2005
- U.S. Basic National Fees filed on 01/10/2005
- Priority Documents filed on 01/10/2005
- Specification filed on 01/10/2005
- Claims filed on 01/10/2005

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OCT 11 2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable

form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/520,963	PCT/US03/21564	MTV-055.01